

OPERATION AND MAINTENANCE PLAN

“IRRIGATION SYSTEM, TRICKLE”

Landowner/Operator: _____ **Date:** _____

Address: _____

Legal description of practice location: SEC _____ T _____ R _____

OVERVIEW

A properly operated and maintained trickle irrigation system is an asset to your farm. This irrigation system was designed and installed to apply irrigation water to meet the needs of the crops without causing excessive erosion or runoff. The performance life of this system can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic operation and maintenance to maintain satisfactory performance. The following recommendations will help you in performing adequate operation and maintenance.

GENERAL RECOMMENDATIONS

- Only operate system when needed to furnish water for plant growth.
- Check to make sure that all connections are water tight and all valves are working properly.
- Check all water emitters as to design discharge and damage, replace if necessary with proper parts.
- Make sure that the filter system is working; even if it is automatic, it needs constant monitoring. Clean filters and make adjustments if needed.
- Periodically examine each emitter for proper operation, replace if defective.
- Exclude all livestock from the equipment and irrigated areas.
- During non-seasonal use, drain and place the removable part of the system in an area where it will not be damaged.
- Maintain all pumps, agitators, piping, valves and other electrical and mechanical equipment in good operating condition following the manufacturers recommendations.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Immediately repair any vandalism, vehicular or livestock damage.

SPECIFIC RECOMMENDATIONS FOR YOUR STRUCTURE

[illegible]

CONTACT YOUR LOCAL NATURAL RESOURCES CONSERVATION SERVICE OFFICE FOR ANY ADDITIONAL TECHNICAL ASSISTANCE YOU MIGHT NEED FOR IMPLEMENTATION OF THIS OPERATION AND MAINTENANCE PLAN FOR YOUR STRUCTURE.